Sibyl Athimattathil

10/29/16

Lesson Title: What happens to Garbage?

Grade Level: 3

Duration: Session 1 - 1 hour Session 2- 1 hour

Objective: SWBAT identify the importance of recycling keeping our planet clean by using biodegradable products.

Materials:

Items to bury (apple core, egg shells, candy wrappers, Styrofoam, newspaper etc)

Prepared/labeled laminated garden tags on craft sticks.

Small hand shovel

Prepared student journals labeled "What Happens to Garbage"

Prior Knowledge:

Who has seen garbage on the side of the roadways or streets? What happens to garbage that is thrown out in this way? Today we will start a science experiment. We will learn why it is important to recycle and what happens to our garbage.

Teach:

Ask who knows what recycling is? Define (to process and refine to make use again for human use) and post vocabulary.

Procedure:

Show the class the garbage that they will be burying. Ask the students to predict what will happen to these items and chart their predictions.

Go outside to an allotted/approved space with the class.

Dig six small holes in the ground.

Bury each item in a separate hole, cover with dirt, and flag each spot with the tags you have created prior to the lesson.

Mark your calendar for four weeks from today. In four weeks dig up each item to see what happened. Have the students journal what happened (some objects are biodegradable and some are not). If we do not recycle, our trash sits in the garbage dump or landfill.

Assessment:

Students will be assessed on their journal responses:

Can the students display the information in picture form and label what happened?

Did the student compare their findings with their predictions?

Is the journal entry complete?

Is the journal entry readable?

Does the journal entry tell the reader what happened?

What Happens to Garbage Checklist/Rubric

|  |  |  |  |
| --- | --- | --- | --- |
| Question | Incomplete | Partially Completed | Complete with details |
| Can the students display the information in picture form and label what happened? |  |  |  |
| Did the student compare their findings with their predictions? |  |  |  |
| Is the journal entry complete? |  |  |  |
| Is the journal entry readable? |  |  |  |
| Does the journal entry tell the reader what happened? |  |  |  |